

Delphion

RESEARCH INTEGRATED IAM SERVICES INSIDE DELPHION

My Account | Products | News | Events Search: Quick/Number Boolean And

The Delphion Integrated View

Buy Now: PDF | [More choices...](#)

Tools: Add to Work File: [Create new](#)

View: [INPADOC](#) | Jump to: [Top](#) | Go to: [Derwent...](#)

Title: JP8184436A2: POSITION MEASURING EQUIPMENT AND CAMERA INFORMATION RECORDING FUNCTION

Country: JP Japan

Kind: A

Inventor: MOCHIZUKI YOSHINORI;
KAWAI MASATADA;

Assignee: KONICA CORP
[News, Profiles, Stocks and More about this company](#)

Published / Filed: July 16, 1996 / Dec. 28, 1994

Application Number: JP1994000328966

IPC Code: G01C 15/00; G03B 17/24;

Priority Number: Dec. 28, 1994 JP1994000328966

Abstract: **Purpose:** To locate an object remote from a GPS receiver by correcting the positional information at a point to be measured based on the outputs from various sensors thereby locating the object.

Constitution: A distance measuring section 1 measures the distance from a measuring point to an object and a GPS receiver 2 detects the position at the measuring point. An orientation sensor 3 detects the orientation of a measuring apparatus when it is directed toward the object as angle from the north and an inclination sensor 4 detects the angle of elevation of the measuring apparatus when it is directed toward the object. When a measuring button 9 is pushed, the equipment is actuated to start measurement through the measuring section 1, the receiver 2 and the sensors 3, 4. When the distance to the object is measured, a laser beam is transmitted from the measuring section 1 to the object and the time elapsed before receiving a reflected laser beam is measured thus determining the distance. Subsequently, a correction amount of the distance is determined, and the position of the object is determined at a control section 5.

COPYRIGHT: (C)1996,JPO

Family: [Show 8 known family members](#)

Other Abstract Info: DERABS G96-379873 DERG96-379873



[Nominate](#)

[this for the Gallery...](#)

Camera
GPS
distance
orientation
inclination

BEST AVAILABLE COPY